

FELT, VL.; HLADOVEC, J.; ROHLING, S.; VOHNOUT, S.

Permeability of the aortic wall to blood cholesterol in rabbits in the progressive, stationary and regressive phase of experimental atherosclerosis and after cortisone administration. (Study using 4-C-14-cholesterol). Cas. lek. cesk. 102 no.31: 846-850 5 Ag '63.

1. Vyzkumny ustav endokrinologicky v Praze, reditel doc. dr. K. Silink Vyzkumny ustav pro farmacii a biochemii v Praze, reditel inz. J. Nemecek.

(AORTA) (ARTERIOSCLEROSIS) (CHOLESTEROL)
(CARBON ISOTOPES) (CORTISONE)
(HYPERCHOLESTEREMIA) (PERMEABILITY)

1/1

CZECHOSLOVAKIA

BEDNAR, J.; ROHLING, S.; Research Institute of Endocrinology
(Vyzkumny Ustav Endokrinologicky), Prague.

"Contribution to the Determination of Inorganic Iodine in Blood
Serum."

Prague, Ceskoslovenska Farmacie, Vol 16, No 1, Jan 67, pp 19-21

Abstract /Authors' English summary modified/: Inorganic I can
be determined as a difference between the total I and the protein-
bound I with a 10% accuracy when the content of I is above 1
microgram per 100 ml of the serum. Direct determination of in-
organic I is discussed. 2 figures, 18 Western, 2 Czech refer-
ences. (Manuscript received 30 Oct 64).

1/1

FELT, V.; ROHLING, S.; VOHNOUT, S.; HLADOVEC, J.

Effect of different phases of experimental atherosclerosis, cortisone and thyroxin on the deposition of $^4\text{-Cl}^4$ -labelled cholesterol in rabbit aorta. Cesk. gastroent. vyz. 17 no.3: 135-142 Ap '63.

1. Vyzkumny ustav endokrinologicky v Praze, reditel doc. dr. K. Silink Vyzkumny ustav pro farmacii a biochemii v Praze, reditel inz. J. Nemecek.

(ARTERIOSCLEROSIS) (AORTA) (CORTISONE)
(THYROXIN) (CHOLESTEROL) (CARBON ISOTOPES)

CZECHOSLOVAKIA

FELT, V.L., HLADOVEC, J., ROHLIG, S., and VOHNET, S., Research Institute for Endocrinology (Vyzkumny ustav endokrinologicky), Docent Dr. K. SILINK, director, and Research Institute for Pharmacy and Biochemistry (Vyzkumny ustav pro farmacii a biochemii, Engr. J. KRECEK, director; Prague [individual affiliations cannot be determined].

"Blood Cholesterol Permeability of the Aortal Wall of Rabbits in the Progressive, Stationary, and Regressive Stage of Experimental Atherosclerosis and After Cortisone Administration"

Prague, Časopis Lékařů Českých, Vol CII, No 31, 5 Aug st 1963, pp 846-850.

Abstract [Authors' English summary: A radioactive 4-¹⁴C-cholesterol was used to prove that the velocity of the transport of the plasma cholesterol into the wall of aorta was increased about 14 times in the progressive stage and 10 times in the stationary stage of atherosclerosis. No significant difference was found between the regressive stage and control cases. Cortisone has no appreciable effect. The velocity of the serum transport was practically the same in all groups. This points against an increased permeability of the endothelium of aorta for the plasma cholesterol in atheromatous rabbits. The increased cholesterol transport into the inner layers of the aorta wall in atheromatous rabbits is considered to be the consequence of an increased cholesterolaemia. Thirty-two 1/1 references, including 4 Czech and 1 Russian

VOHNOUT, S.; ROHLING, S.; HAVELKA, J.

Standardization of radioisotope methods used in endocrinology.

1. Examination of thyroid gland function using radioiodine.
Cesk. rentgen. 17 no.5:289-298 S '63.

1. Vyzkumny ustav endokrinologicky v Praze, reditel doc. dr.
K. Silink.

(THYROID FUNCTION TESTS)
(IODINE ISOTOPES, DIAGNOSTIC)

VOHOUT, S.; ROHLING, S.; SILINK, K.

Conversion factors of radioactive iodine in cardiac thyrotoxicosis.
Cas. lek. cesk. 97 no.29:902-909 11 July 58.

1. Vyzkumny ustav endokrinologicky, Praha, reditel doc. Dr. Karel
Silink. S. V., Praha 2, Narodni tr. 8.

(THYROID GLAND, funct. tests,

radioiodine test in thyroid cardiopathies, conversion
factors (Cz))

(IODINE, radioactive,

thyroid funct. tests in thyroid cardiopathies, conversion
factors (Cz))

(HEART DISEASE, physiology,

thyroid cardiopathies, radioiodine tests (Cz))

ROHLING, S.; VOHNOUT, S.; HRABOVA, K.; SILINK, K.

Accumulation and excretion of I^{131} in diagnosis of thyropathies.
Cas. lek. cesk. 94 no.50:1371-1374 9 Dec 55.

1. Z Ustredniho endokrinologickeho ustavu v Praze.
(THYROID GLAND, function tests,
radioiodine)
(IODINE, radioactive,
thyroid funct. test)

Röhling

SVATOPLUK

Med Accumulation and excretion of iodine-131 in the diagnosis of thyroid disorders. Svatopluk Röhling, Stanislav Vohout, K. Hrabová, and Karel Šilink (Ústřední Endokrinol. Ústav, Prague). *Casopis Lékařů Českých* 94, 1371-4 (1955).—To 8 euthyroid controls, 8 cases with slight oligosymptomatic thyrotoxicosis, 5 with moderately severe thyrotoxicosis, 3 with severe thyrotoxicosis, and 5 with very slight hypothyroidism, a dose of 0.1 mc. I^{131} (I) was administered orally and the accumulation of I in the thyroid gland was measured *in situ* by Geiger-Müller counting. Urinary excretion of I was also followed. Plots of the results show that the variation of the excretion test leads to overlapping between the various groups of subjects. The accumulation test appears superior; the 24-hr. value is not sufficient for diagnosis, but at least 3 measurements must be made (2, 6, and 24 hrs.).

J. M. Halc

4

VANECEK, J.; KUCHEL, O.; VOHNOUT, S.; ROHLING, S.

Control of so-called humorally isolated circulation with isotopes. Cas. lek. cesk. 95 no.49:1357-1361 7 Dec 56.

1. Farmakologicka katedra fak. det. lek., Praha (pred. doc. H. Raskova) (for Vanecek) 2. III. Interni Klinika fak, vseob. lek., Praha (pred. akademik J. Charvat) (for Kuchel) 3. Endokrinologicky ust., Praha (pred. doc. K. Silink) (for Vohnout, Rohling).

(KIDNEY, physiol.

- permeability of pituitrin & albumin in perfused, isolated kidney with intact innerv. (Cz))

(PITUITARY GLAND POSTERIOR HORMONES, physiol.

same)

(ALBUMIN, physiol.

same)

ROHLING, S.; FELT, V.; VOHNOUT, S.; REICHL, D.

Studies on the effect of some hormones on experimental atherosclerosis.
IV. On mechanical effects of glucocorticoids on blood and tissue
lipids and on phospholipid metabolism in normal and atherosclerotic
rabbits (studies with the aid of radioactive phosphorus — P32).
Cas.lek.cesk 100 no.27/28:856-860 7 J1 '61.

1. Ustav pro choroby obehu krevniho, reditel prof. dr. K. Weber.
Vyzkumny ustav endokrinologicky, reditel doc. dr. K. Silink.

(ADRENAL CORTEX HORMONES pharmacol)
(ARTERIOSCLEROSIS exper) (LIPIDS metab)
(PHOSPHOLIPIDS metab)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: not given

Affiliation: Endocrinologic Research Institute, Director-Docent Karel Silink, MD. (Vyzkumny ustav endokrinologicky, reditel doc. MUDr. Karel Silink.)

Source: Prague, Ceskoslovenska Gastroenterologia Vyziva
Vol 15, No 6, Sept 1961; pp 401-407.

Data: Exchange of 4-C 14 cholesterol among Lipoproteins of
Cortisone-Treated Rabbits and Normal Rabbits in Vivo.

FELT, V.

ROHLING, S.

STRASEK, J.

VOHNOUT, S.

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FELT, V.; ROHLING, S.; STRASEK, J.; VOHNOUT, S.

Exchange of cholesterol-4-C-14 lipoproteins in normal rabbits in vivo after the application of cortisone. Cesk. gastroent. vyz. 15 no.6:401-407 S '61.

1. Vyzkumny ustav endokrinologicky, reditel doc. MUDr. Karel Silink.
(CHOLESTEROL metab) (LIPOPROTEINS metab)
(CORTISONE pharmacol)

FELT, V.; ROHLING, S.; STRASEK, J.; VOHNOUT, S.; REICHL, D.

Influence of cortisone on the distribution and exchange of 4-C¹⁴-cholesterol in serum lipoproteins of the rabbit. Rev. Czech. med. 7 no.3:199-206 '61.

1. Research Institute of Endocrinology. Director: Doc. K. Silink, M. D. Second Institute of Medical Chemistry, Medical Faculty, Charles University Prague. Director: Prof. J. Sula, M. D.

(CORTISONE pharmacol) (LIPOPROTEINS blood)
(CHOLESTEROL blood) (CARBON radioactive)

SCUMAR, Josef; ROHLING, Svatopluk; BEDNAR, Jiri

Comparison of protein-bound iodine values and the accumulation of I-131 during thyroid function tests. Vnitřní lek.
ll no.12:1164-1169 D ' 65

1. Vyzkumny ustav endokrinologicky v Praze (prednostas:
doc. MUDr. Karel Silink, DrSc.).

SCUMAR, J.; ROHLING, S.; REISENAUER, R.; VOHNOUT, S.

Use of I-132 in thyroid function tests. Cas. lek. Cesk. 104
no.44:1206-1210 5 N '65.

1. Vyzkumny ustav endokrinologicky v Praze (reditel doc. dr.
K. Silink, DrSc.).

KRIST, V., Praha 1, Narodni tr. 8; VOHNOUT, S.; ROHLING, S.

Effect of triiodothyrenine and thyroxine on the binding capacity
of human serum for thyroid hormones. Cas. lek. Cesk. 101 no.44:
1210-1213 5 N '65.

1. Vyzkumny ustav endokrinologicky v Praze (reditel doc. dr.
Z. Silink, DrSc.). Submitted December 1964.

BEDNAR, J., PhMr. (Praha 1, Narodni tr. 8); BERGMANNOVA, E.; ROHLING, S.

Contribution to the determination of serum iodine soluble in
butanol. Cesk. farm. 14 no.7:351-355 S '65.

1. Vyzkumny ustav endokrinologicky, Praha.

CZECHOSLOVAKIA

VL. FELT, Sv. RÖHLING, J. STRASEK and St. VOHNOUT, Endocrinology
Research Institute (Vyzkumny ustav endokrinologicky) Chief (reditel)
Docent Dr K. SILINK, Prague.

"Effect of Regression of Experimental Atherosclerosis on Serum Lipids
and Lipoproteins. Studies with 4-C¹⁴-Cholesterol."

Prague, Casopis Lekaru Ceskych, Vol 102, No 8, 22 Feb 63; pp 205-208.

Abstract [English summary modified]: Study in 31 rabbits: 13 controls on
normal diet, 9 on 1 Gg. dietary cholesterol/day for 6 months, tests 1
month later, 9 same treatment, tested 9½ months later. Cholesteremia
and phospholipidemia in latter group were back to normal, aortic
cholesterol was less than in second group, and there was a marked shift
of labeled cholesterol from beta- to alpha lipoproteins as compared to
first group. Seven tables, 2 Soviet, 1 Czech and 24 Western references.

1/1

FELT, V.; ROHLING, S.; VOHNOUT, S.

Effect of cortisone on the incorporation of cholesterol-4-C14 into serum lipoproteins in vitro and use of the labeled serum in metabolic studies. Cas. lek. cesk. 101 no.41:1224-1228 12 0.'62.

1. Vyzkumny ustav endokrinologicky v Praze, reditel doc. dr. K. Silink.
(CORTISONE) (CHOLESTEROL) (LIPOPROTEINS)
(BLOOD CHOLESTEROL)

ROHLING, S.; CERNY, K.

Effect of small doses of ionising radiations on serum phosphatase activity. Cas.lek.cesk.99 no.36:1141-1145 2 S'60.

1. Vyskumny ustav endokrinologicky v Praze, prednosta doc.dr.
K.Silink.

(RADIATION EFFECTS)
(PHOSPHATASES blood)

FELT, Vl.; ROHLING, Sv.; STRASEK, J.; VOHNOUT, St.

Influence of regression of experimental atherosclerosis on serum lipids and lipoproteins. Studies with cholesterol-4-C-14. Cas. lek. cesk. 102 no.8:205-208 22 F '63.

1. Vyzkumny ustav endokrinologicky v Praze, reditel, doc. dr.
K. Silink.

(ARTERIOSCLEROSIS)	(BLOOD CHOLESTEROL)
(PHOSPHOLIPIDS)	(BLOOD LIPIDS)
(BLOOD CHEMICAL ANALYSIS)	(LIPOPROTEINS)
	(CARBON ISOTOPES)

REISENAUER, Roman; SILINK, Karel; ROHLING, Svatopluk

Thyroglobulin treatment in Karlovy Vary Region. Sborn. lek.
58 no.4:77-90 Apr 56.

1. Z Endokronologickeho oddeleni polikliniky, byv. Ustredni
endokrinologicky ustav, Praha.

(THYROTOXIN, deriv.

thyroglobulin ther. of goiter in school child. (Cz))

(GOITER, in inf. & child.

ther., thyroglobulin in school child. (Cz))

Rohleder, Jozef

Liquid-air level indicator. Jozef Rohleder (Inst. Tech-
nol., Wroclaw, Poland). Roczniki Chem. 36, 326-33 (1955).

The design of a level indicator for liquid air is described. The app. consists of a differential thermopile, the reference junction of which remains at room temp.; the other junction serves as the detector. A small elec. heater is wound directly on the detector junction and is powered by a 8-v. battery or a small transformer. For accuracy and reliability, the e.m.f. values of the thermopile in the liquid and gas above it should show a large difference. By using a brass-constantan thermopile, differences of the order of a few mv. were obtained. A table gives values of the differences between e.m.f. in liquid air and the gas above it as a function of power supplied to the heater on the indicating junction. Values of the half time for this difference to become const. and the consumption of liquid air resulting from the use of the indicator are reported also. M. P.

Chem

①

Paul

Rohleder, Jozef

Photoelectric conductivity of potassium chloride crystals containing metallic thallium centers. Józef Rohleder (Inst. Technol., Wrocław, Poland). *Roczniki Chem.* 28, 297-8 (1954) (English summary). Monocrystals of KCl contg. small amts. of TlCl were treated in sealed tubes with K vapor. Afterwards the crystals were heated *in vacuo* to remove excess K; so that they should contain metallic Tl centers only. The crystals show a considerable photocurrent in the visible region with a max. about 600 m μ . The absorption coeff. increases with increasing radiation frequency and does not pass the max. in the visible region. Sylvia Nowinska

Smj

~~RECEIVED~~
Rohleder, Josef.

✓ The properties of potassium chloride crystals, containing
metallic thallium centers. I. The photoelectric effect.
Józef Rohleder (Univ. Wrocław, Poland). *Roczniki*
Chem. 19, 813-22 (1955) (English summary).—See C.A. 49,
10729d. *A. Kreglewski*

ROHLEDER, J.

Bulletin - Vol. 2, no. 9, 1954.

Properties of KCl crystals containing metallic thallium centers; photoelectric effect.
In English. p. 443.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955.
Uncl.

ROHLEDER, J.

~~AUST.~~

POLON

✓ Properties of potassium chloride crystals containing metallic thallium centers. Photoconductive effect. J. Rohleder (Tech. Univ., Wrocław). *Dokl. akad. polon. sci.*, Classe III, 2, 443-6 (1954).—Crystals of KCl(FI) were grown by the Kyropoulos method on a quartz rod and then treated for several hrs. at 550-600° with double-distd. K. The specimens were then placed in a vacuum furnace at about 550-600° and heated for 6 hrs. to remove excess K. After cooling to room temp., the coloration was a uniform yellow-brown. A specimen 3 × 3 × 5 mm. was cut out of the crystal. Aquadag electrodes were placed on the 3 × 3 mm. surfaces. The crystal was placed in a vacuum at a pressure of 10⁻⁶ mm. Hg and was illuminated with monochromatic light from a W-arc lamp source. The values of photocurrent found lay between 6 × 10⁻¹⁴ and 2 × 10⁻¹³ amp. After each measurement of photocurrent, the crystal was de-

NOTALVZA, di

POL

537.312.5

4669. Properties of KCl crystals containing metallic thallium centres. Photoelectric effect. J. ROHLER. Bull. Acad. Polon. Sci. Cl. 3, 2, No. 9, 445-6 (1954).

Crystals with 4×10^{-3} molec. % Tl show photoconductivity proportional to applied field and light intensity. Spectral sensitivity depends on Tl content and excess K but peaks are observed at 5500 and 8200 Å.

G. F. J. GARLICK

Estimate

ROHLEDER, J.

Ultraviolet absorption spectrum of pdihydroxybenzene monocrystals, p. 637.
(ROCZNIKI CHEMII, Warsaw, Vol. 28, no. 4, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

ROHLICH, P.

Age of the Ordovician shales near Voltuse in the Rozmital region. p. 279. (Veatnik, Praha. Vol 31, no. 6, 1956)

SO: Monthly List of East European Accession (EEAL) L., Vol. 6, no. 7, July 1957. Uncl.

ROHLICH, P.

✓ Demonstration of acetylcholinesterase on motor end-plates after embedding in polyethylene glycol. P. Rohlich (Med. Univ., Budapest). *Nature* 178, 1398 (1956).—Histochem. localization of acetylcholinesterase (I) was studied in the motor end-plates of guinea pig intercostal muscle using polyethylene glycol embedding and acetylcholine iodide to demonstrate I. The advantages of this method over frozen sections are discussed.

Norman G. Roth

L

Med

ROHLICH, P

ROHLICH, P. The middle Ordovician (Llanvirnian and Llandeilo) at Stary Plzenec in western Bohemian. p. 1 Vol. 67, no. 1, 1957. ROZPRAVY, RADA MATHEMATICKO-PRIRODOVEDECKA Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 April 1957

ROHLER J.

COUNTRY:	1	Poland	B-5
CATEGORY	1		
ABS. JOUR.	:	RZKhim., No. 5 1960, No.	16790
AUTHOR	:	Rohleder, J.	
INSTR.	:	Not given	
TITLE	:	Continued Study of the Internal Photoelectric Effect in KCl Crystals Containing Impurities of Metallic Thallium (KClTl ^o)	
ORIG. PUB.	:	Roczniki Chem, 33, No 2, 411-418 (1959)	
ABSTRACT	:	A determination of the sign of the thermo-emf of crystals of KClTl ^o has shown that the carriers of the photoelectric current are holes. From author's summary	

CARD: 1/1

POLAND/Electronics - Semiconductors.

H-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 6453

Author : Rohleder Jozef

Inst : Physicsl Chemistry Faculty, Polytechnic, Wroclaw, Poland

Title : Band Model of KCl Crystals, Containing Centers of Metallic Thallium (KCl, Tl).

Orig Pub : Roczn, chem., 1959, 33, No 2, 419-427

Abstract : It is proposed that in the KCl lattice one should distinguish between two position of Tl atoms: 1) Tl atoms around which are located vacant anion sites; 2) Tl atoms, near which there are no corresponding vacant sites. The former have an acceptor character, and are responsible for the photoconductivity. The concentration is on the order of 10^{13} -- 10^{14} cm^{-3} and they are located 2.26 ev above the edge of the valence band. The other levels are

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POLAND/Electronics - Semiconductors.

H-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 6453

located 5.5 ev below the conduction band and are responsible for optical absorption. Upon absorption of light with $h\nu = 4.0$ ev, only excitation of the centers takes place and there is no photoconductivity. Upon absorption of light with $h\nu = 5.2$ ev, weak photoconductivity is produced, possibly due to the presence of thermal effects. -- A.
Shneyder

Card 2/2

H-

POLAND/Electronics - Semiconductors.

Abs Jour : Ref Zhur Fizika, No 3, 1960, 6452

Author : Rohleder Jozef

Inst : Physical Chemistry Faculty, Polytechnic, Wroclaw, Poland

Title : Further Investigations of the External Photoeffect in KCl Crystal, Containing Centers of Metallic Thallium (KCl, Tl)

Orig Pub : Roczn, Chem., 1959, 33, No 2, 411-418

Abstract : From the sign of the thermal emf, it was determined that the current carriers in crystals KCl, Tl are holes. In the volt-ampere characteristics of the photocurrent, up to gradients of 2×10^4 v/cm, there is no saturation and one can therefore assume that the charge is $Q = NewE/d$, where N is the concentration of the current carriers, e the carrier charge, E the intensity of the field, we the average shift, and d the distance between electrodes. Using

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this formula, it is possible to determine the product Nw . Assuming the w is the same as for the electrons in crystals with F centers and (according to Pohl's data) its

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CIA-RDP86-00513R001445

cm^{-3} , which is 10^6 to 10^7 times smaller than the concentration of ~~TL~~ TL. Experiment shows also that the current density (meaning also Nw) is almost independent of the concentration of Tl. It is concluded therefore that as the concentration is increased N increases and w decreases. The latter may be connected with the fact that some of the Tl atoms play the part of traps. -- A. Shneyder

Card 2/2

FEIX, C., MUDr.; technicke spoluprace: ROHLIKOVE, M.

Vascular reactions in hypertension after application of ACTH, DOCA, agovirin and agostilben. Cas. lek. cesk. 44 no.37:993-996 9 Sept 55.

1. II. interni klinika v Praze, predn. prof. Dr. A. Vancura.
(HYPERTENSION, therapy
ACTH, DOCA & testosterone propionate, vasc. reaction.)
(ACTH, ther. use
hypertension, vasc. reaction.)
(DESOXYCORTICOSTERONE, ther. use
hypertension, vasc. reaction.)
(TESTOSTERONE, ther. use
hypertension, vasc. reaction.)
(BLOOD VESSELS, in various diseases
hypertension, reaction after admin. of ACTH, DOCA or
testosterone propionate.)

ROHLINA, M. I.

"Histophysiology of the cortical substance of adrenal body. (p.218) by M. I. Rohlina

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XIV, No. 2, 1941

ROHLING, Svatopluk, RNDr; REISENAUER, Roman, Ing.; PIHAR, Otomar, RNDr;
SILINK, Karel, doc. MUDr

Studies on the metabolism in the population of Bohemia and Moravia.
I. Nitrogen metabolism. Cas. lek. cesk. 93 no.45:1254-1256 5 Nov 54.

1. Z Ustredniho endokrinologickeho ustavu.
(NITROGEN, in urine,
statist.)
(URINE,
nitrogen, statist.)

ROLLING, S

CZECH

Researches on the metabolism of Bohemia and Moravia. I. The coefficient of excretion of amino acids in the urine of adults in Bohemia and Moravia in 1945. Bratislava: Růžický, Roman; Reinhardt, Oton; Pávek, and Jiráček, J. (United endocrinol. inst., Prague). *Czechoslovak Endocrinol.* 1954; 6(1954).
 —Attention of Rappaport's hypotonic method was used for estimation of amino N in urine; its coeff. (mg. N excreted in 24 hrs./kg.) was noted in 201 persons. The av. was 100.6 in 43.5 (S.D.). I. M. Hahn.

ROHLING, S.

KANDRAC, M.; QUEISNEROVA, M.; ROHLING, S.; SOUMAR, J.; SILINK, K.; VOHNOUT, S.;

Personal experiences with VUFB thyrotropin. Cas. lek. cesk. 96 no.33-34:
1075-1082 23 Aug 57.

1. Laborator pro endokrinologii a metabolismus KU. III. interni
klinika, prednosta akademik Josef Charvat, Praha. Vyzkumny ustav pro
farmacii a biochemii v Praze. Vyzkumny ustav endokrinologicky v Praze,
reditel docent Dr Karel Silink. Ustredni laboratore fakultni
polikliniky.

(PITUITARY GLAND, ANTERIOR, hormones
thyrotropin in diag. of hypothyroidism (Cz))
(HYPOTHYROIDISM, diag.
iodine-labeled thyrotropin (Cz))

BEDNAR, J.; ROHLING, S.; VOHNOUT, S.

Contribution to determination of protein-bound iodine in the
blood serum. Cesk. farm. 13 no.4:203-209 My'64

1. Vyzkumny ustav endokrinologicky, Praha.

PRESL, J.; HERZMANN, J.; KLETECKS, P.; VOHNOUT, S.; RÖHLING, S.

Effect of pentamethylenetetrazole on thyroid incorporation of radioiodine in rats. *Cesk. fysiол.* 8 no.2:135-136 Mar 59.

1. Ustav pro peci o matku a dite, Vykimny ustav endokrinologicky, Praha. Predneseno na Sumposiu o ucincich ionisacniho zarení dne 16.10. 1958 v Praze.

- (PENTYLENETETRAZOLE, eff.
on thyroid radioiodine incorporation (Cz))
- (THYROID GLAND, eff. of drugs on,
pentylenetetrazole on radioiodine incorporation (Cz))
- (IODINE, radioactive,
thyroid incorporation, eff. of pentylenetetrazole (Cz))

ROHLING, SVATOPOLK

Chemical Abst.
Vol. 48
A pr. 10, 1954
Biological Chemistry

✓ Polarographic determination of thiols in biological material. I. Plant material. Svatopluk Rohling, Marie Petráčková, and Luděk Jiroušek (Ústřední endokrinol. ústav, Prague, Czech.). *Chem. Listy* 47, 1453-52 (1953).—The polarographic method was used for the detn. of thiols in plant material which might participate as a nutrition factor in the occurrence of endemic goiter. Results of the detn. of SH compds. in tomatoes, cabbage, and feed beet are given. In the cabbage juice, a secondary wave was noticed with a potential more neg. (by 220 mv.) than the potential of the main SH wave. Both waves increase on standing or boiling the juice. II. Material of animal origin. Luděk Jiroušek, Marie Petráčková, and Stanislav Vohnout. *Ibid.* 1463-6.—The polarographic detn. of SH groups applied to pork liver and various kinds of pork, beef, and veal. The application of the method to milk, egg yolk, and egg white was unsuccessful. M. Hudlický.

ROHM.

POLAND / Chemical Technology, Chemical Products and Their
Application. Part 3 - Food Industry.

H-27

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12834.

Author : Lbigniew Rohm.

Inst : Not given

Title : Discussion of the Paper "Microbiological Causes of Chocolate-Liqueur Candies" by Stavicki. - Author's Reply.

Orig Pub : Przem. spozywczy. 1956, 10, No 1, 42 - 43.

Abstract : To RZhKhim. 1956, 67082.

Card 1/1

ROHM, Z.

✓ 4502

663,915 : 645.0

Rohm Z. Research into the Resistance of Chocolate to Storage.

„Przyczynek do badań nad trwałością czekolady”. Przemysł Spożywczy. No. 2, 1958, pp. 72—77, 3 figs., 8 tabs.

Researches into the resistance of chocolate to storage demonstrated that: 1) chocolate of suitable composition, i.e., produced from pure cacao-seeds and cacao-oil, sugar, and possibly vanilla, shows

after one year in store no organoleptic changes of importance; 2) the chemical changes taking place in chocolate concern the cacao oil contained in it and affect the following properties of the oil: the Reichert-Meissl, hydroxyl, peroxide, oxide and rancidity numbers and ephedrin aldehyde content; 3) paper wrapping affects some external organoleptic qualities of chocolate, for instance, surface, gloss, etc.; 4) addition to chocolate of pea-nuts, even in minimal quantities and in any form, has a deleterious effect on the resistance to storage and the quality of the product.

MULLER, J; ROHRENSCHEF, L.

The influence of cerebral hemispheres on the action of the sympathetic nervous system on skeletal muscles. Acta physiol. polon. 3 Suppl. 3: 90-94 1952. (CJML 24:1)

1. Of the Institute of Work Physiology (Head--Prof. Wl. Missiuro, M.D.) of Warsaw Medical Academy.

CA

9

Experimental verification of two kinds of hardening in the plastic deformation of crystals. II. Recovery of deformed

elongated crystals. Fritz Böhm and Werner Sautter (Max-Planck-Inst. Metallforsch., Stuttgart, Ger.). *Z. Metallkunde* 42, 280-93(1951).—Recovery isotherms (200 to 550°) for 99.998% pure Al single crystals are reported. The total hardening cannot be recovered and a residual hardening remains which only disappears upon recrystn. The data are discussed on the basis of sliding planes and angles and on the mode (expansion or compression) of the deformation. Cf. *ibid.* 41, 265(1950).

Frederick C. Nachod

ROHM, Z.

P O L .

3177

684.143

Rohm Z. The Quality of the Confectionery Filling.

**"Zagadnienie jakości powiadu cuklerniczej", Przemysl Rolny i Spo-
zywczy. No. 10, 1953, pp. 350—355, 6 figs., 9 tabs.**

The author discusses certain technical problems concerning the production of good quality confectionery fillings. He concludes that the stability of the soft consistency of the filling can be markedly increased. He discusses the water content of the filling, the size of the sugar crystals, the time during which the filling is kept in store, and the influence of enzyme preparations. The author affirms that confectionery filling to which enzyme preparations have been added reveals optimal quality properties after 15—20 days and has a water content of 7—10% and a softening point of 0.25—0.50 kg/cm².

ROHMAN-KWIAKOWSKA, N.

"Studies on the Colonization of the Coast." P. 166
(CZASOPISKO GEOGRAFICZNE, Vol. 23/24, 1952/53, Wroclaw, Poland.)

SO: Monthly List of East European Accessions, (ERAL), LC, Vol. 3,
No. 12, Dec. 1953, Incl.

CA

Theories of the precipitation-hardening of metallic alloys.
F. Rohrer. *Berg- u. hüttenmänn. Monatsh. monsh. Hoch-
schule Leoben* 66, 21-5 (1951).—The various theories pro-
pounded since discovery of pptn. hardening in 1906 are
critically surveyed, and it is concluded that even at the
present no entirely satisfactory explanation can be given.
The view that in analogy to cold-working, internal stresses
cause the hardening phenomenon can no longer be held in
the light of recent investigations of cold-deformation hard-
ening. It seems more likely that the pptn.-hardening
mechanism is due to a homogeneous reinforcing of the
matrix. 40 references. M. Hartenheimer

HUNGARY

SZITA, Jozsef, Dr, ROHNY, Bela, Dr, SCHNEIDER, Agnes, Dr; National Public Health Institute and Central State Hospital (Orszagos Kozegeszsegugyi Intezet es Kozponti Allami Korhaz).

"Experiences With Central Sterilization Used in the Central State Hospital for Two Years."

Budapest, Magyar Sebeszet, Vol XVI, No 4, Aug 1963, pages 209-216.

Abstract: [Authors' Hungarian summary] The effectiveness of the central sterilization unit, established in 1960 in the Central State Hospital, is evaluated after 2 years of existence. The problems of location, equipment, personnel and instrument supply, the method of collection and distribution of the material and the work procedures performed by the unit are described. The problems remaining to be solved are pointed out. It is concluded that a central sterilization unit is effective for the decrease of hospital infections and thus contributes to the raising of the standards of care. Although the initial establishment is expensive, the elimination of surgical infections, the increased insurance of sterility and the saving in working hours will return the initial expenditures in a short time. 13 Hungarian, 13 Western references.

1/1

ROHNY, BELAHE, DR.
GERO, Sandor, Dr.; ROHNY, Belahe, Dr.; GAUS, Jangs, Dr.

Antilipemic effect of heparin. II. Changes of lipid concentration and lipase activity; problems of the reversibility of heparin action. *Magy. belorv. arch.* 11 no.1:29-33 Feb 58.

1. A Budapesti Orvostudományi Egyetem III sz. Belklinikájának (igazgató: Gomori Pál dr. Egyetemi tanár, a MTA lev. tagja) közleménye.

(HEPARIN, eff.

on blood lipids & tributyrinase activity, reversibility of actions by protamine (Hun))

(LIPIDS, in blood

eff. of heparin, reversibility of action by protamine (Hun))

(LIPASES, in blood

tributyrinase, eff. of heparin on actions & reversibility of heparin eff. by protamine (Hun))

(PROTAMINES, eff.

reversion of heparin action on blood lipases & tributyrinase activity (Hun))

ROHNY, Bela; LENGYEL, Zoltan

Determination of the protein-bound serum iodine by means of
the stable brucine-cerium color reaction. Kiserl. orvostud.
16 no.2:143-148 Ap*64

1. Kozponti Allami Korhaz laboratoriuma, Budapest.

*

SZITA, Jozsef, dr.; ROHNY, Bela, dr.; SCHNEIDER, Agnes

2 years' experience with centrally performed sterilization
at the Central State Hospital in Budapest. Magy sebesz 16
no. 4:209-216 Ag '63.

1. Orszagos Kozegeszsegugyi Intezet es Kozponti Allami
Korhaz kozlemenye.
(HOSPITAL EQUIPMENT AND SUPPLIES) (STERILIZATION)

ROHNY, BELANE

FISCHER, Antal.; KURTHY, Laszlo.; ROHNY, Belane.

Examination of various esterases in hepatitis. Magy. belorv. arch.
10 no.1:24-29 Feb '57.

1. A budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: Gomori Pal dr. egyetemi tanár) és a budapesti Köz-
egészségügyi és Járványügyi Allomás (igazgató: Kapos Vilmos dr)
Hepatitit Kórházi Osztályának (főorvos: Kurthy Laszlo dr.) Közleménye.

(~~ESTERASES~~, in blood
in hepatitis (Hun))

(HEPATITIS, blood in
esterase activity (Hun))

FISCHER, Antal; JAKAB, Mihaly; ROHNY, Belane

Examination of proteins in serous effusions. *Magy. belorv. arch.*
9 no.5:165-172 Oct 56.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(Igazgató: Gomori, Pal, dr. egyetemi tanár) közleménye.

(EXUDATES AND TRANSUDATES

serous effusions, protein determ. (Hun))

(PROTEINS, determ.

in serous effusions (Hun))

ROHNY, B.:GRABER, H.:SALAMON, L.

One-injection urineless saccharose clearance test; colorimetric
micro-method. Kiserletes orvostud. 4 no. 4:303-307 Aug 1952.
(CIML 23:5)

1. Doctor for Rohny and Graber. 2. Laboratory and Internal De-
partment of Kutvolgyi-uti State Hospital.

ROHNY, B.; GRABER, H.; SALAMON, L.

Simultaneous extracellular volume and clearance determination in man with the method of Balint, Harsing and Lenner. Kiserlates Orvostud. 3 no. 5:381-386 1951 (CML 21:3)

1. Doctors for Rohny and Graber; Technical Assistant for Salamon.
2. Laboratory and Internal Diseases Department of Kutvolgyi-uti State Hospital.

BOHNY, B. 1951

(Kutvolgyi-uti Allami Korhaz Laboratoriuma es Belosztalya)

"Simultaneous Determination of Extra-Cellular Space and Clearance in Man According to the Urineless Method of Balint, Harsing and Lenner."

Kiserl. Orvostud, Budapest, 1951, 3/5(381-386)
Abst: Exc. Med. 11, Vol. 5, No. 10, 1193

BARANYAI, Pal.,; BAUMANN, Miklos.,; FISCHER, Antal.,; JAKAB, Mihaly.,;
LAMB, Gyorgy.,; ROHYN, Belane.

Comparative investigations on serum and urine proteins in
nephrosis. *Magy. belorv. arch.* 8 no.2:48-54 Apr 55.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: dr. Gomori Pal egyetemi tanár) a M.T. Akadémia
Méréstechnikai Intézet Elektronmikroszkopiai Laboratóriumának
(vezető: dr. Guba Ferenc) és az Országos Élelmezéstudományi
Intézet (igazgató: dr. Tarján Robert) közleménye.

(NEPHROSIS, metabolism in,
blood & urine proteins)

(BLOOD PROTEINS, in various diseases,
nephrosis)

(URINE,
proteins, in nephrosis)

(PROTEINS, in urine,
in nephrosis)

TOHNY, B., GROPER, H., DALANON, L.

"Clearance examinations of saccharose with colorimetric microscopic process without the secretion of urine and with one injection." p. 303
(KISERLETES ORVOSTUDOMANY, Vol. 4, No. 4, Aug 1952, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.

FISCHER, A.; JAKAB.; ROHNY, S., Frau

Pathological protein permeability. I. Protein bodies of serous effusions.
Acta med. hung. 11 no.3:373-379 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Budapest.
(EXUDATES AND TRANSUDATES
protein content (Ger))
(PROTEINS, determ.
in exudates & transudates (Ger))

FISCHER, A.; PERENYI, L.; ROHNY, S.

Substrate specificity and origin of serum esterases. Acta med. hung.
12 no.3-4:229-237 1958.

1. III. Medizinsiche Klinik der Medizinischen Universitat, Budapest.
(ESTERASES, in blood
substrate specificity & origin (Ger))

BARANYAI, P.; BAUMANN, M.; FISCHER, A.; JAKAB, M.; LAMM, G.; ROHNY, S.

Pathological protein permeability. II. Urinary proteins in nephrosis.
Acta med. hung. 11 no.3:381-391 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Elektronmikroskopisches Laboratorium der Ungarischen Akademie der Wissenschaften, und Institut für Ernährungswissenschaft, Budapest.

(NEPHROSIS, urine in
protein content (Ger))

(PROTEINS, in urine
in nephrosis (Ger))

ROI 01, Jozef, inz.

Experiences in building the inlet channel of the waterwork; in Miksova.
Inz stavby 12 no. 12:547-550 D '64.

1. Vahoslav National Enterprise, Pilsna.

MAZLO, Maria A.; ROMHONYI, B.

A study of the diameter distribution of the secretory lipid vesicles in the Harderian gland. Acta biol Hung 14 no.3:191-198 '63.

1. Department of Pathological Anatomy, Medical University, Pecs (Head: G. Romhanyi).

ROHONYI, Jozsef, dr., fovarosi uzemi foorvos

Present state and future of industrial hygiene in Budapest.
Elovilag 8 no.4:43-52 J1-Ag '63.

ROHONYI, Lajos

The Szeged Directorate of the Hungarian State Railways is seventy-five years old, May 1. 1888-June 1. 1963. Vasut 13 no.7:22 JI '63.

ROHONYI, Vilmos, okleveles gepeszmernok (Rumania); ERNEY, Georgey

Method for hobbing cylindrical gears to produce depth of
teeth without additional feed. Gep 16 no.12:474-477 D '64.

ROHONYI, V. (Cluj, Rumanien)

Approximate calculation of the stresses in straight bevel gear teeth.

Acta techn Hung 31 no.1/2:25-38 '60.

(EEAI 10:3)

(Gearing)

(Strains and stresses)

ROCHOWYI, V.; MAROS, D.

Kinematics of Spiromatic, the spiral-toothed pinion gear-cutting machine
manufactured by the Oerlikon Factories. p.373

EPITOANYAG. (Epitoanyogipari Tudományos Egyesület)
Budapest, Hungary
Vol. 11, no.10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.12, Dec. 1959
Uncl.

ROHONYI, V.

"Modern dimensioning of the rotating axles of machine tools for
recurring complex stress." p. 121

GEP. (Gepipari Tudomanyos Egyesulet). Budapest, Hungary
Vol. 11, No. 4, Apr. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959
Uncla.

ROHOZINSKI, S.G

17 17
✓ Electron-positron pair annihilation at arbitrary polariza-
tions. S. G. Rohozinski (Inst. Fizyki P.A.N., Warsaw).
Bull. acad. polon. sci., Ser. sci. Math., astron., Phys. 6,
619-26(1958)(in English).—A formula is derived in an ar-
bitrary system of reference for the cross section in 2-quantum
annihilation of arbitrarily polarized electrons and posi-
trons, and when polarization of photons is not observed.
Transversal and longitudinal polarizations are discussed and
calcd. curves are given. 7 J. Szeftl

5

949

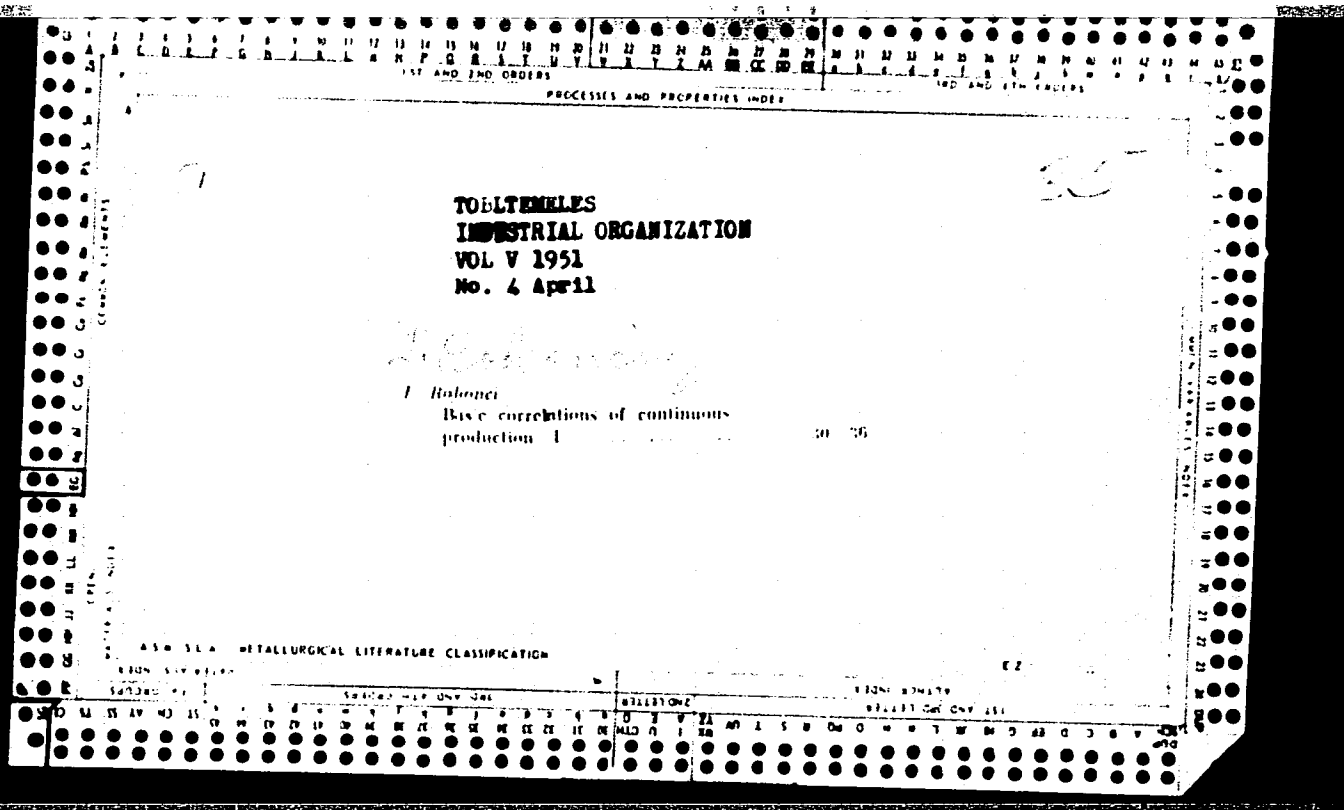
RMS

ROTHYNE, ALICE P. 1948

(A Budapesti Tudományegyetem 111 sz Sebészeti Klinikájáról.)

"A Case of Post-Operative Fistula of the Thoracic Duct and Comparative Examination of Human Blood and Lymph."

Orvosok Lapja, 1948 4/11 (360-363)
Abst: Exc. Med. 11, Vol. 11, No. 4, p. 482



ROHONCZY, V.

"The PVC and its use for Insulating Wires, Cables, and Battery Cells" p. 121
(Magyar Híradastechnika, Vol. 4, No. 9/10, Sept./Oct., 1953, Budapest)

SO: Monthly List of East European Accessions / Vol. 3, No. 3
~~Library of Congress~~ Library of Congress, March ¹⁹⁵⁴ ~~1953~~, Uncl.

GERO, Sandor; BAUMAN, Miklos; JAKAB, Mihaly; ROHONY, Belane; GACS, Janos

Antilipemic effects of heparin. I. Electrophoretic studies; the problems of the prealbumin fraction. Magy. belorv. arch. 10 no.5-6:129-138 Oct-Dec 57.

1. A Budapesti Orvostudományi Egyetem III sz. Belklinikájának (igazgató: Gomori Pal) és a Magyar Tudományos Akadémia Elektronmikroszkopiai Laboratóriumának (vezető: Guba Ferenc) közleménye.

(HEPARIN, eff.

lipemia clearing mechanism, electrophoretic blood
lipoprotein changes & appearance of pre-albumin fraction
(Hun))

(LIPIDS, in blood

lipemia clearing mechanism of heparin, electrophoretic blood
lipoprotein changes & appearance of pre-albumin fraction
(Hun))

ROHONY, W.

Contributions for determining the rigidity of three-support shafts in tool machine. Metallurgy and Machine Construction, #3:29:Mar. 55

ROHONYI, B.; KELENYI, G.

Porphyrin content of the harderian gland of the rat. Acta biol. 13
no.3:241-245 '62.

1. Department of Pathology, Medical University, Pecs (Head: G.Romhanyi).
(PORPHYRINS) (LACRIMAL APPARATUS)

410
1022. Spectrophotometric Determination of Uranium, by C. J. C. Eipel and Margot Rosenblum. *Analyst*, 154-156, 1943.

Into a sample of uranyl salt containing the amount of about 28 mg U, dissolve in water, dilute to 100 ml, and add. To 5.5 ml of this solution add 1 ml of reagent containing 84 mg $\text{K}_2\text{Cr}_2\text{O}_7$ in 100 ml. Measure the brown color produced by $(\text{UO}_2)_2[\text{Cr}(\text{NO}_3)_6]$ in a colorimeter. This color shows the extraction values of varying concentration of UO_2^{2+} solution obtained with a long-slit colorimeter. The pH of this solution should be about 6.3. (CA

1ST AND 2ND DEGREES

PROCESSES AND PROPERTIES INDEX

7

Colorimetric determination of uranium. Miklós Engel and Margit Rohács (Pharmaceutic Factory Chinoim, Ujpest, Hungary). *Kém. Lapja* 6, 164-6(1943).—Take a sample of uranyl salt contg. the equiv. of about 24 mg. U, dissolve in water, dil. to 100 ml., and mix. Add 5 ml. of this soln. add 0 ml. of reagent contg. 84 mg. $K_2Fe(CN)_6$ in 100 ml. Measure the brownish red color produced by $(UO_2)_2Fe(CN)_6$ in a colorimeter. Tables show the extinction values of varying concns. of UO_2^{++} solns. obtained with a Lange-Roth colorimeter. The pH of the soln. should be about 0.5. István Flinály

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND DEGREES

PROCESSES AND PROPERTIES INDEX

ROHONYI, W. (Cluj, Rumania)

Contribution to the geometric calculations on generalized
involute spur gears with backlash. Acta techn Hung 48 no.3/4:
375-393 '64.

METALLURGICAL LITERATURE CLASSIFICATION																									
MATERIALS INDEX													PROCESSES AND PROPERTIES INDEX												
Diagram of the recrystallization of silver. J. Cochral-ski and J. Rohozinska. <i>Wandomości Inst. Metalurg. Metaloz.</i> 4, 82-47(1937).—Test cubes were cut out of a Ag plate (99.9% Ag, 0.075% Fe) which was first cold-rolled and later heated at 800°. These cubes were cold-formed, their length decreasing 2.88%, and recrystd. during half an hr. at different temps. (100-900°). After etching with a soln. contg. about 10% H₂O₂ and 20% NH₃, the size of the grains was measured. The diagram of the recrystn. of Ag varies from the diagrams for most of the metals so far examd.; test samples recrystd. at 900° and compressed by 10% show a min. size of the grains. Fourteen illustrations, 5 references. Edward A. Ackermann																									

1ST AND 2ND ORDERS																									
PROCESSES AND PROPERTIES INDEX																									
*Recrystallization Diagram of Silver. J. Ciochralski and J. Bohozinska (Wydawnictwo Instytutu Metalurgii i Metaloznawstwa (Warszawa), 1937, 4, (3/4), 82-84).—[In Polish, with German summary.] The specimens were recrystallized at various temperatures between 100° and 900° C. The recrystallization diagram obtained departs from those of most of the metals investigated previously, in so far as there is a grain-size minimum at 10°, reduction and a recrystallization temperature of 900° C. Some photomicrographs are included; the etching reagent used was perhydrol-ammonia solution.—D. S.																									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND ORDERS																									

. POLAND/Nuclear Physics - Elementary Particles.

C

Abs Jour : Ref Zhur Fizika, No 2, 1960, 2883

Author : Rohozinski, S.G.

Inst : Institute of Physics, Polish Academy of Sciences, Poland

Title : Electron-Positron Pair Annihilation at Arbitrary Polarizations

Orig Pub : Bull. Acad. polon. sci. Ser. sci. math., astron. et phys., 1958, 6, No 10, 619-626, L.

Abstract : An expression is derived for the effective cross section of the annihilation of electron-positron pair with arbitrary polarization with emission of two non-polarized photons (in an arbitrary system of coordinates). In the center of mass system, for annihilation of longitudinally and transversely polarized particles, the results coincide with those previously obtained by Page (Referat Zhur

Card 1/2

Rohozinski, S.G.

17 17
✓ Electron-positron pair annihilation at arbitrary polariza-
tions. S. G. Rohozinski (Inst. Fizyki P.A.N., Warsaw).
Bull. acad. polon. sci., Ser. sci. Math., astron., Phys. 6,
819-26(1958)(in English).—A formula is derived in an ar-
bitrary system of reference for the cross section in 2-quantum
annihilation of arbitrarily polarized electrons and posi-
trons, and when polarization of photons is not observed.
Transversal and longitudinal polarizations are discussed and
calcd. curves are given. J. Stucki

GDR/Farm Animals - Small Horned Stock

2

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69335

Author : Rohr, A.

Inst : -

Title : Providing Sheep Flocks with Fodder in Wintertime

Orig Pub : Mitschurinbewegung, 1957, 6, No 22, 1055-1056

Abstract : On the wintertime feeding of sheep in connection with the time of lambing.

Card 1/1

ROHRBACH, C.

"Measurement by Electrical Resistance Wire Strain Gauges. I. Wire Strain Gauges and Accessories in General."

Arch. Tech. Messen Issue No.209 (Ref. J135-4) 139-42 (June, 1953) In German

SO: SCIENCE ABSTRACTS, Section B. Electrical Engineering Abstracts,
(October 1953), Unclass.

ROHRBACH, C. - FINK, K.

"Practical Measurements With Strain Gauges"

Z. Verein. Deutsch. Ingen. (VDI), 95, 265-73 (March 21, 1953) In German.

SO: SCIENCE ABSTRACTS, Section B. Electrical Engineering Abstracts,
(July 1953). Unclass.

CHURCH, Albert

*Rechner, Albert. Theorie und Praxis der Rechen-
maschinen. B. G. Teubner Verlagsgesellschaft, Stutt-
gart, 1954. 72 pp. DM 3.90.

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Psychrophilic wine yeasts. V. Hulaš and E. Rohutec
(Agr. Research Inst., Prague, Czech.). *Strojník Českoslo-
v. Akad. Zemědělství* 21, 68-73 (1918). The morphologi-
cal and physiol. properties of these wine yeasts of the
Fendant and Herrliberg family were examd. The cul-
tures differ to some extent in their morphology, spore
formation, and resistance to ale. At 4-5° these yeasts are
suitable for wine production. In the manuf. of sparkling
wines fermented in bottles, the soly. of CO₂ is increased
and the wine stone is almost all pptd. during fermentation.
The danger of becoming "sour" especially in the case of
red wines and the ale. losses during fermentation are
greatly reduced.
Jan Mleka

ROHRICH, J.

Dovrtel, J. Method of mining by the use of moving supports; a contribution to an inquiry. p. 362.

TECHNICKE NOVINY. Vol. 4, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 6, June 1956 Uncl.

ROHRMANN, W.

Linke, R., and Rohrmann, W.

Determination of the dipole moments of phosphorus pentafluoride and boron trifluoride and the vapor-pressure curve of phosphorus pentafluoride.

Z. physik. Chem.

Vol. B35, 1937, pp. 256-60

Abstracted in: Chem. Abs., Vol. 31, 4173²

ROHRSETZLER, S.

Effect of freezing on the sol of As_2S_3 . A. Buzágh and S. Rohrsetzer (Eötvös Loránd Univ., Budapest, Hung.). *Kolloid-Z.* 164, 107-11 (1959).— As_2S_3 sols contg. added NaOH or Na_2S do not coagulate but change color from yellow to a very stable deep red. The intensity of the red color increases with time in the frozen state. The time of formation of the red sols depends on temp. and changes according to a max. curve. The red As_2S_3 sol shows thixotropy and streaming birefringence. These properties are due to formation of anisodimensional secondary particles. It is proposed to call the oriented coagulation caused by freezing "cryotropy." At higher temp. the red sols disaggregate into yellow sols of almost the original properties.

B. Hirschhorn,

BOHRSETER, S.

SCIENCE

PERIODICALS: ~~ACTA ZOOLOGICA~~. Vol. 64, No. 7/8 July/Aug. 1958
HUNGARIAN MONTHLY FILMOGRAPH

Bohrsetzer, S. The effect on freezing on the stability of sols. p. 278

Monthly list of East European Accessions (WEAT) IC, Vol. 2, No. 2,
February 1958, Unclass.

ROKHVARGER, Ye.L., kand.tekhn.nauk, red.; KOSYAKINA, Z.K., red.
izd-va; RUDAKOVA, N.I., tekhn. red.

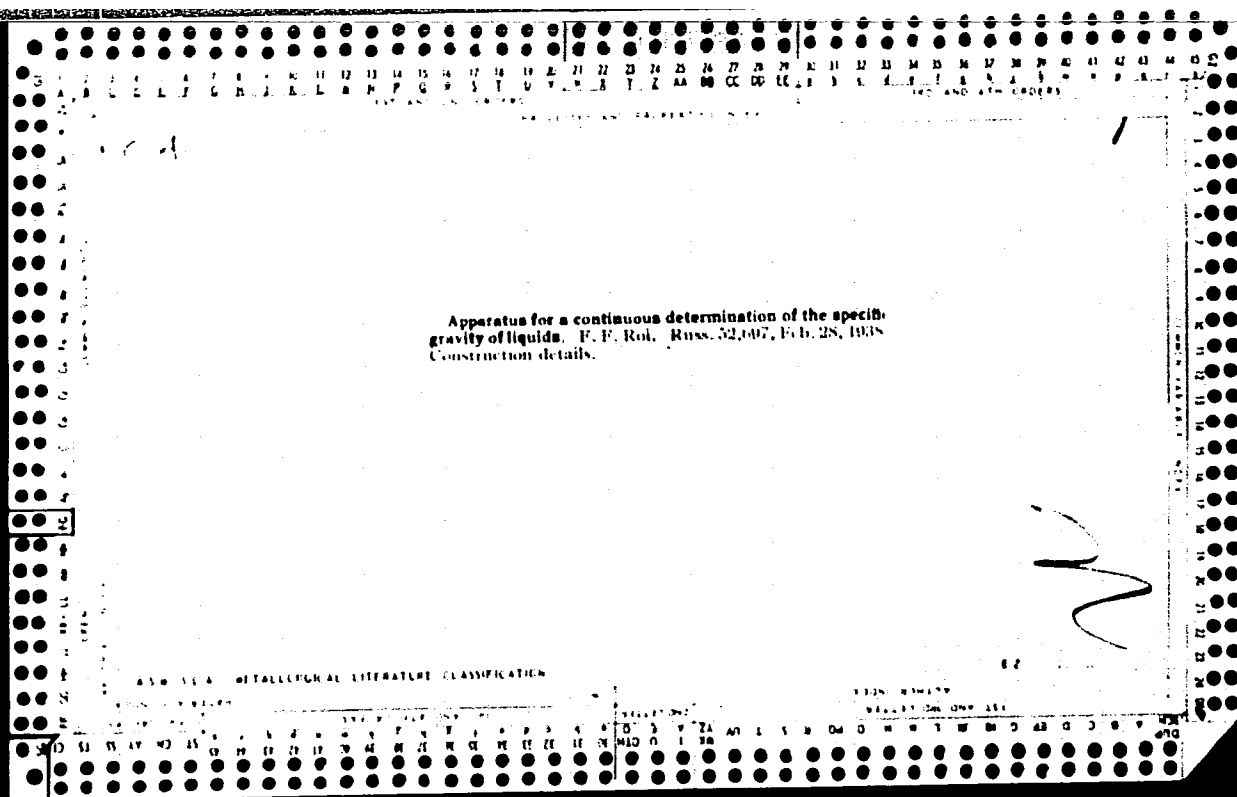
[Production of elements made of structural ceramics; present
state and prospects for development] *Proizvodstvo izdelii
stroitel'noi keramiki; sostoianie i perspektivy razvitiia.*
Moskva, Gosstroizdat, 1962. 183 p. (MIRA 15:8)
(Ceramic industries)

10

28

Apparatus for continuous manufacture of pressed sugar.
P. F. Roi. Russ. 43,636, Dec. 31, 1935. Mechanical features.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



PECURARIU, O., dr.; ROIBAS, P., dr.; CINDEA, Valentina, dr.; RADUT, M., dr.;
IONESCU, Al., dr.; BREPIN, H., dr.; DUMITRESCU, D., dr.; POIESCU-
HAFTAN, M., dr.

Chronic secondary hemorrhagic thrombocythemia. Med. intern. 14 no.2:
235-239 F '62.

(BLOOD PLATELETS)